

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims.

1. (original) A method for treating an individual, comprising administering an effective amount of METH1 or METH2, wherein said method is used to treat benign tumors, an ocular angiogenic disease, vasculogenesis, granulations, hypertrophic scars, nonunion fractures, scleroderma, trachoma, vascular adhesions, myocardial angiogenesis, coronary collaterals, cerebral collaterals, arteriovenous malformations, ischemic limb angiogenesis, Osler-Webber Syndrom, plaque neovascularization, hemophiliac joints, angiofibroma, fibromuscular dysplasia, wound granulation, or atherosclerosis.

2. (original) A method for treating an individual, comprising administering an effective amount of METH1 or METH2, wherein said method is used in birth control.

3. (original) The method of claim 1, further comprising administering another angiogenic compound.

4. (original) The method of claim 1, wherein said METH1 or METH2 is administered by gene therapy means wherein cells have been modified to produce and secrete METH1 or METH2.

5. (new) A method for treating an individual, comprising administering an effective amount of METH2, wherein said method is used to treat benign tumors, an ocular angiogenic disease, vasculogenesis, granulations, hypertrophic scars, nonunion fractures, scleroderma, trachoma, vascular adhesions, myocardial angiogenesis, coronary collaterals, cerebral collaterals, arteriovenous malformations, ischemic limb angiogenesis, Osler-Webber Syndrom, plaque neovascularization, hemophiliac joints, angiofibroma, fibromuscular dysplasia, wound granulation, or atherosclerosis.

6. (new) A method for treating an individual, comprising administering an effective amount of METH2, wherein said method is used in birth control.

7. (new) The method of claim 5, further comprising administering another angiogenic compound.

8. (new) The method of claim 5, wherein said METH2 is administered by gene therapy means wherein cells have been modified to produce and secrete METH2.